

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/002578

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C03B19/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C03B C03C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00/53536 A (NOVARA TECHNOLOGY S R L ; COSTA LORENZO (IT); COSTA FULVIO (IT); COSTA) 14 September 2000 (2000-09-14)	1,2,4
Y	abstract example 1	3,4
Y	EP 1 172 339 A (LUCENT TECHNOLOGIES INC) 16 January 2002 (2002-01-16) abstract; figure 5	3.
Y	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 02, 5 February 2003 (2003-02-05) -& JP 2002 293548 A (FURUKAWA ELECTRIC CO LTD:THE; YOSHIDA KAZUAKI), 9 October 2002 (2002-10-09) abstract; figure 2	3
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

10 June 2004

Date of mailing of the international search report

21/06/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>PATENT ABSTRACTS OF JAPAN vol. 0103, no. 66 (C-390), 6 December 1986 (1986-12-06) & JP 61 163131 A (SEIKO EPSON CORP), 23 July 1986 (1986-07-23) abstract</p> <p>-----</p>	4

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/002578

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0053536	A	14-09-2000	IT N0990004 A1	08-09-2000
			AT 254091 T	15-11-2003
			AU 759015 B2	03-04-2003
			AU 3323800 A	28-09-2000
			BR 0008692 A	26-12-2001
			CA 2366247 A1	14-09-2000
			CN 1343184 T	03-04-2002
			DE 60006517 D1	18-12-2003
			EP 1175377 A1	30-01-2002
			WO 0053536 A1	14-09-2000
			JP 2003513873 T	15-04-2003
EP 1172339	A	16-01-2002	US 6467312 B1	22-10-2002
			DE 60100159 D1	08-05-2003
			DE 60100159 T2	04-03-2004
			EP 1172339 A1	16-01-2002
			JP 2002068771 A	08-03-2002
JP 2002293548	A	09-10-2002	NONE	
JP 61163131	A	23-07-1986	NONE	